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<b>TRANSMITTAL FORM</b> (to be used for correspondence after initial filing)	Application Number	10/785,067
	Filing Date	February 25, 2004
	Inventor(s)	Eun Joo JANG et al.
	Group Art Unit	2822
	Examiner Name	Christy L. Novacek
Attorney Docket Number		6661-000039/US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Letter to the Official Draftsperson and _____ Sheets of Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)  <input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Recorded Assignment (copy)</b>
Remarks		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name John A. Castellano Reg. No. 35,094
Signature		
Date	July 18, 2006	



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: Eun Joo JANG et al.  
Docket No.: 6661-000039/US  
Application No.: 10/785,067  
Group Art Unit: 2822  
Filing Date: February 25, 2004  
Title: THE IMPROVEMENT OF THE LUMINESCENT EFFICIENCY OF  
SEMICONDUCTOR NANOCRYSTAL COMPOUNDS BY SURFACE  
TREATMENT  
Atty. Dkt. No.: 6661-000039/US

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**REVOCATION AND SUBSTITUTION OF POWER OF  
ATTORNEY AND CHANGE OF ADDRESS**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

July 18, 2006

Sir:

**POWER OF ATTORNEY**

The Declaration submitted along with this application includes a Power of Attorney listing the attorneys of Birch, Stewart, Kolasch & Birch, L.L.P. Please hereby revoke the aforementioned attorneys and substitute the attorneys of Customer No. 30593, including the following attorneys of Harness, Dickey & Pierce, P.L.C., to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Terry L. Clark	Registration No. 32,644
Donald J. Daley	Registration No. 34,313
John A. Castellano	Registration No. 35,094
Gary D. Yacura	Registration No. 35,416
Thomas S. Auchterlonie	Registration No. 37,275

Gregory P. Brummett

Registration No. 41,646

**CORRESPONDENCE ADDRESS**

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Customer No. 30593, Harness, Dickey & Pierce, P.L.C., P.O. Box 8910, Reston, Virginia 20195, (703) 668-8000.

The undersigned is empowered with full Power of Attorney on behalf of the assignee, Samsung Electronics Co., Ltd., by virtue of and as evidenced by an Assignment recorded at the United States Patent and Trademark Office at Reel 015021, Frame(s) 0376, a copy of which is attached hereto.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C

By: \_\_\_\_\_

John A. Castellano  
P.O. Box 8910  
Reston, Virginia 20195  
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JAC/EGH/cm

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**ASSIGNMENT**Application No.         New        Filed February 25, 2004Insert Name(s)  
of Inventor(s)

\*\*\* (Given Name FAMILY NAME (ALL CAPS)) \*\*\*

WHEREAS, Eun Joo JANGShin Ae JUNHyang Sook SEONG

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title  
of InventionTHE IMPROVEMENT OF THE LUMINESCENT EFFICIENCY OF SEMICONDUCTOR NANOCRYSTAL  
COMPOUNDS BY SURFACE TREATMENT

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Applicationon January 20, 2004; andInsert Name  
of AssigneeWHEREAS, SAMSUNG ELECTRONICS CO., LTD.Insert Address  
of Assigneeof 416, Maetan-Dong, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do, Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX  
IF APPROPRIATE☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2004/02/20

Name of Inventor Jung Eun Joo  
(signature) Eun Joo JANG

Date 2004/02/20

Name of Inventor Shin Ae Jung  
(signature) Shin Ae JUN

Date 2004/02/20

Name of Inventor H. S. Seong  
(signature) Hyang Sook SEONG